

CLAIMS:

1. A portable content presentation device comprising:
a content signal source for providing a first content signal;
a memory;
a presentation signal generator operable to generate a presentation signal from
5 the first content signal;
a portability processor for determining a portability state of the portable
content presentation device; and
a memory controller operable to dynamically adjust a first memory allocation
of the memory associated with the first content signal and to create a second memory
10 allocation of the memory for a second application in response to the portability state.
2. A portable content presentation device as claimed in claim 1 wherein the first
memory allocation is a buffer memory allocation for the first content signal.
- 15 3. A portable content presentation device as claimed in claim 2 wherein the first
memory allocation is electronic shock protection memory and the portable content
presentation device comprises a shock protection processor operable to control the buffering
of the first content signal in the memory so as to reduce fluctuations in a content signal buffer
output rate.
- 20 4. A portable content presentation device as claimed in claim 1 wherein the
portability state comprises a portability state indication of whether the portable content
presentation device is in a substantially stationary state or in a substantially portable state.
- 25 5. A portable content presentation device as claimed in claim 4 wherein the
portability processor is operable to set the portability state indication in response to a
movement detection.

6. A portable content presentation device as claimed in claim 4 wherein the portability processor is operable to set the portability state indication in response to a detection of the portable content presentation device having an external connection.

5 7. A portable content presentation device as claimed in claim 6 wherein the external connection is an external connection to a substantially stationary presentation device.

8. A portable content presentation device as claimed in claim 6 wherein the external connection is an external connection to a power source.

10 9. A portable content presentation device as claimed in claim 1 wherein the second application is a control application of the portable content presentation device.

15 10. A portable content presentation device as claimed in claim 1 wherein the content source is further operable to provide a second content signal and wherein the second application is a processing function associated with the second content signal.

11. A portable content presentation device as claimed in claim 1 wherein the second application is a presentation application of a second content signal.

20 12. A portable content presentation device as claimed in claim 11 wherein the second content signal is a different type of content signal than the first content signal.

25 13. A portable content presentation device as claimed in claim 12 wherein the first content signal is an audio content signal and the second content signal is a visual content signal.

30 14. A portable content presentation device as claimed in claim 13 wherein the second application is an image presentation application and the portable content presentation device (101) is operable to use the second memory allocation as an image cache.

15. A portable content presentation device as claimed in claim 1 wherein the second application is enabled by the creation of the second memory allocation.

16. A portable content presentation device as claimed in claim 1 wherein the portable content presentation device is a portable audio player.

17. A portable content presentation device as claimed in claim 1 wherein the
5 memory consists in single memory element.

18. A method of presenting content, the method comprising:
receiving a first content signal;
determining a portability state of the portable content presentation device
10 generating a presentation signal from the first content signal; and
dynamically adjusting a first memory allocation of the memory associated
with the first content signal and a second memory allocation of the memory for a second
application.

15 19. A computer program enabling the carrying out of a method according to claim
18.

20. A record carrier comprising a computer program as claimed in claim 19.